

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5740443".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 14:59
S1	365	717/141.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:56
S2	190	717/144.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:56
S3	88	717/157.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:57
S4	116	inlin\$3 and call\$3 and (affinity or dependence ) near3 (graph\$3 or node or tree or model\$3) and weight\$3 and (edge or arc or link\$3 or node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:52
S5	13	(generat\$3 or creat\$3 or reorder\$3 or restructur\$3 ) near5 call\$3 same inlin\$3 same (depend\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:06
S6	19	(generat\$3 or creat\$3 or reorder\$3 or restructur\$3 or determin\$5 ) near5 call\$3 same inlin\$3 same (depend\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:07
S7	11	(generat\$3 or creat\$3 or reorder\$3 or restructur\$3 or determin\$5 ) near5 call\$3 same inlin\$3 same (depend\$4 ) and performance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:08
S8	254	inlin\$3 and call\$3 and (affinity or depen\$5 or dominator ) near3 (graph\$3 or node or tree or model\$3) and weight\$3 and (edge or arc or link\$3 or node)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:09

## EAST Search History

S9	6	inlin\$3 and call\$3 and (affinity or depen\$5 or dominator ) near3 (graph\$3 or node or tree or model\$3) and weight\$3 and (edge or arc or link\$3 or node) and (elimin\$5 near3 overhead)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:29
S10	565	S1 S2 S3 and (inlin\$3 or "in-lining" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:41
S11	559	S1 S2 S3 and (inlin\$3 or "in-lining" ) and (graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:41
S12	555	S1 S2 S3 and (inlin\$3 or "in-lining" ) and (graph\$3 near3 call\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:30
S13	550	S1 S2 S3 and (inlin\$3 or "in-lining" ) and (graph\$3 near3 call\$3 ) and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:30
S14	548	S1 S2 S3 and (inlin\$3 or "in-lining" ) and (graph\$3 near3 call\$3 ) and weight\$3 and ((affinity or dependen\$4) near3 graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:33
S15	547	S1 S2 S3 and (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 and ((affinity or dependen\$4) near3 graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:33
S16	546	S1 S2 S3 and (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 and ((affinity or dependen\$4) near3 graph\$3 ) and (opened or active) adj files	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:34
S17	546	S1 S2 S3 and (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 same ((affinity or dependen\$4) near3 graph\$3 ) and (opened or active) adj files	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:35

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S18	0	S3 and (analyze or analysis or analyzing) same (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 same ((affinity or dependen\$4) near3 graph\$3 ) and (opened or active) adj files	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:39
S19	1	S2 and (analyze or analysis or analyzing) same (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 same ((affinity or dependen\$4) near3 graph\$3 ) and (opened or active) adj files	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:39
S20	0	S3 and (analyze or analysis or analyzing) same (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 same ((affinity or dependen\$4) near3 graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:40
S21	0	717/15?.ccls. and (analyze or analysis or analyzing) same (inlin\$3 or "in-lining" ) same (graph\$3 near3 call\$3 ) and weight\$3 same ((affinity or dependen\$4) near3 graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:41
S22	79	(S1 S2 S3) and (inlin\$3 or "in-lining" )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:41
S23	45	(S1 S2 S3) and (inlin\$3 or "in-lining" ) and (graph\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:01
S24	14	("5428793" "555417" "5920723" "6195793" "7028293" ).pn. or "20040064809"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:03
S25	11	("5428793" "5555417" "5920723" "6195793" "7028293" ).pn. or "20040064809"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:03
S26	2	"20050097527"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:19

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[IMPACT: An Architectural Framework for.. - Chang, Mahlke.. \(1991\) \(Correct\) \(115 citations\)](#)  
 for Multiple-Instruction-Issue Processors **Pohua P. Chang** Scott A. Mahlke William Y. Chen Nancy J.  
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[Profile-guided Automatic Inline Expansion for C Programs - Chang, Mahlke, Chen, Hwu \(1992\) \(Correct\) \(77 citations\)](#)

Automatic Inline Expansion For C Programs **Pohua P. Chang**, Scott A. Mahlke, William Y. Chen And Wen-Mei  
[www.cs.ubc.ca/local/reading/proceedings/spe91-95/spe/.vol22/issue5/spe762wc.pdf](http://www.cs.ubc.ca/local/reading/proceedings/spe91-95/spe/.vol22/issue5/spe762wc.pdf)

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Prefetching William Y. Chen Scott A. Mahlke **Pohua P. Chang** Wen-mei W. Hwu Center for Reliable and  
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[The Effect of Code Expanding Optimizations on Instruction .. - Chen, Chang, Conte, Hwu \(1993\) \(Correct\) \(23 citations\)](#)

on Instruction Cache Design William Y. Chen **Pohua P. Chang** Thomas M. Conte Wen-mei W. Hwu April 29,  
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[Comparing Software and Hardware Schemes For Reducing the.. - Hwu, Conte, Chang \(1989\) \(Correct\) \(17 citations\)](#)

Ave. University of Illinois Urbana, IL 61801 **Pohua P. Chang** Abstract Pipelining has become a common  
<ftp.crhc.uiuc.edu/pub/IMPACT/conference/isca-89-branch.ps>

[The Importance of Prepass Code Scheduling for.. - Chang, Lavery.. \(1994\) \(Correct\) \(13 citations\)](#)

for Superscalar and Superpipelined Processors **Pohua P. Chang** Daniel M. Lavery Scott A. Mahlke William Y.  
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[Three Architectural Models for Compiler-Controlled.. - Chang, Warter.. \(1995\) \(Correct\) \(11 citations\)](#)

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[Compiler Code Transformations for Superscalar-Based.. - Mahlke, Chen.. \(1992\) \(Correct\) \(10 citations\)](#)

of Illinois Urbana-Champaign, IL 61801 **Pohua P. Chang** Intel Corporation Hillsboro, OR 97124 Tokuzo  
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[Scalar Program Performance on Multiple-Instruction-Issue .. - Mahlke, Chen, Chang, Hwu \(1992\) \(Correct\) \(10 citations\)](#)

of Registers Scott A. Mahlke William Y. Chen **Pohua P. Chang** Wen-mei W. Hwu Center for Reliable and  
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[Comparing Static And Dynamic Code Scheduling for.. - Chang, Chen, Mahlke, Hwu \(1991\) \(Correct\) \(9 citations\)](#)

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Efficient Instruction Sequencing with Inline Target Insertion - Hwu, Chang (1990) (Correct) (5 citations)  
1 Wen-mei W. Hwu, Member IEEE, 2 and **Pohua P. Chang** 3 Abstract The trend of deep pipelining and  
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Using Predicated Execution to Improve the Performance of.. - Chang, Hao, Patt, Chang (1995) (Correct) (5 citations)

Execution Po-Yung Chang Eric Hao Yale N. Patt **Pohua P. Chang** y The University of Michigan y Intel  
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Electric Industrial Co.Ltd. Osaka, Japan **Pohua P. Chang** Intel Corporation Hillsboro, OR 97124  
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Level Parallelism David A. Berson 1 **Pohua Chang** 1 Rajiv Gupta 2 Mary Lou Soffa 2 1  
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[inline expansion: Information from Answers.com](#)

**inline code** Source **code** of a different type that is written into the body of a program ... as growth of **memory** capacities have outpaced growth of CPU speed. ...  
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[Inline expansion - Wikipedia, the free encyclopedia](#)

In computing, **Inline expansion**, or inlining, is a compiler optimization that ... Inlining often, but not always, increases the size of the generated **code**. ...  
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More time will be spent in swapping programs in and **out of memory**, since the time for ... **Inline-expansion** could fail if the **inline** function contains loops, ...  
[hem.passagen.se/erinyq/industrial/IndustrialStrength.13.html](#) - 10k - [Cached](#) - [Similar pages](#)

[\[PDF\] Inline Function Expansion for Compiling C Programs Abstract](#)

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for minimizing the extra **memory** accesses due to function. calls. For example, the Berkeley RISC ..... **code** level **inline expansion**, a new scope may be intro- ...  
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Faster; Smaller **memory** footprint of **code**; Less **memory** used during run. How to prove this: ... **Inline Function Expansion** (Procedure Integration) ...  
[web.mit.edu/6.035/www/lectures-2006/F06-Project-04.ppt](#) - [Similar pages](#)

[ACCU :: A Deeper Look at Inline Functions](#)

**Inline code** will not be generated when using a variable number of ... the aggressiveness of **inline expansion** - the "**inline function expansion**" option in C++ ...  
[accu.org/index.php/journals/449](#) - 29k - [Cached](#) - [Similar pages](#)

[Description of compiler flags for Intel C/C++ compiler for Linux ...](#)

Enables the following optimizations: **Inline function expansion** Interprocedural constant propagation Monitoring module-level static variables Dead **code** ...  
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[Description of compiler flags for Intel C++ Compiler 8.0 ...](#)

Includes **inline expansion** except for intrinsic functions, ... layout and **code** restructuring optimizations to improve **memory** accesses for Intel processors. ...  
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[Digital Mars - Compiling Code](#)

For more information on **memory** allocation, see Chapter 5, .... -C Prevent **inline expansion** of C++ functions ... CodeView cannot handle **inline** functions. ...  
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[Bugslayer: Optimize and Trim Your Code with New Switches in Visual ...](#)

Once I wring the bugs **out of the code**, I back port it to Visual C++ 6.0 for ..... except I substituted /Ob2 (**inline function expansion**, any suitable) for ...  
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S27	2409	(caller or callee or calling or called or (call\$3 near3 (source or target) ) ) same ("self-loop" or self or ("same" near2 (location or file or module or node ) ) ) same (frequenc\$3 or "number of" or count\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:20
S28	64	(file near3 access ) same flow same (frequenc\$3 or "number of" or count\$3 or weight ) and (reorder\$3 or restructur\$3 or inlin\$3 or incorporat\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:17
S29	64	(file near3 access ) same flow same (frequenc\$3 or "number of" or count\$3 or weight ) and (reorder\$3 or restructur\$3 or inlin\$3 or incorporat\$3 or (bring\$3 near2 in) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:18
S30	64	(file near3 access ) same flow same (frequenc\$3 or "number of" or count\$3 or weight ) and (reorder\$3 or restructur\$3 or inlin\$3 or incorporat\$3 or (bring\$3 near2 in) or rewrit\$3 or reorganiz\$5 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:18
S31	2	S27 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:19
S32	2409	(caller or callee or calling or called or (call\$3 near3 (source or target) ) or "file to file " ) same ("self-loop" or self or ("same" near2 (location or file or module or node ) ) ) same (frequenc\$3 or "number of" or count\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:58
S33	6	(caller or callee or calling or called or (call\$3 near3 (source or target) ) or "file to file " ) same ("self-loop" or self or ("same" near2 (location or file or module or node ) ) ) same (frequenc\$3 or "number of" or count\$3 ) and ( 717/14?.ccls. or 717/15?.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 08:21
S34	1	(caller or callee or calling or called or (call\$3 near3 (source or target) ) or "file to file " ) same ("self-loop" or self or ("same" near2 (location or file or module or node ) ) ) same (frequenc\$3 or "number of" or count\$3 ) and 717/159.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 09:58



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S35	49	(caller or callee or calling or called or (call\$3 near3 (source or target) ) or "file to file " ) same (frequenc\$3 or "number of" or count\$3 ) and 717/159.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/18 14:59
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